

Dr. Agnes Muszynska & John Grant receive award for paper of the year

The American Society of Mechanical Engineers (ASME), Gas Turbine Division, Structures and Dynamics Committee has selected a paper coauthored by Dr. Agnes Muszynska, Senior Research Scientist, and John Grant, Research Engineer, of Bently Rotor Dynamics Research Corporation as paper of the year! The title of the paper is "Stability and Instability of a Two-mode Rotor Supported by Two Fluid-lubricated Bearings." This award is in recognition of the outstanding achievement of their work on modelling of rotor systems with fluid/solid interaction. The awarded paper experimentally and mathematically describes a previously unreported instability phenomenon: the second mode whip.

A plaque will be presented to them at the upcoming ASME International Gas Turbine Institute Turbo Expo in Cologne, Germany June 1-4. ■

Oldest probe contest winners announced

As two of the entries to our contest had probes in operation for nearly the same period of time, Bently Nevada Corporation awarded a free seminar to each of two entrants.

Both winning probes have been operating for over eighteen years. Dick English of Ford Motor Company's Romeo Engine Plant submitted an entry on a probe which has logged 67,000 hours of operation on an Ingersoll Rand Air Compressor. Barry Boston of Gulf Canada Resources wrote about a probe that is still in use on an Airco Expander.

While many probes of this vintage and older are still in operation throughout the world, these two probes were the two oldest submitted to our contest.

Thanks to all of you who entered. Those of you who didn't win this time will have two additional chances as Bently Nevada is announcing two more contests. See page 30 for details. ■

In Memoriam...



John L. Sandy
1950 - 1992

John L. Sandy was able to accomplish many things in 42 years.

Serving as a Sergeant in the United States Army, he received Special Forces training as a Combat Engineer. He continued to serve for seven years as a Staff Sergeant in the Army Reserve.

After receiving his BSME degree from California State University, Fresno, in 1976, he worked for Pacific Gas and Electric Company (PG&E) in Northern California as a Field Engineer involved with new construction. In less than a year, he transferred to Pacific Gas Transmission Co., a subsidiary of PG&E, as an Area Engineer involved with analyzing vibration and performing field maintenance engineering.

In 1979, John went to work for Arabian American Oil Company (ARAMCO) in Houston, Texas as a Mechanical/Rotating Equipment Engineer. In 1981, John transferred to the ARAMCO Technical Services Unit, Dhahran, Saudi Arabia, where he distinguished himself in machinery malfunction diagnosis and structural analysis as a Vibration Analyst.

John brought his strong background in dealing with rotating machinery to Bently Nevada Corporation in 1984. During nearly five years with us, he held the positions of Customer Training Engineer, Marketing Engineer and Field Engineer. Whether relating with customers, pursuing market developments or analyzing rotating machinery behavior, John was professional and demonstrated very high integrity.

In 1989, John joined Quantum Chemical Corporation and helped build one of the largest ethylene plants in the U.S. As a result of John's efforts, the machinery startup of that plant was one of the most successful in the industry. John's outstanding work gained him several quality awards from Quantum management.

John Sandy was very well-liked and respected. His warm personality and proven talents are missed by those who are privileged to have been associated with him. Our condolences are extended to Jeanne Sandy and the family for their loss. ■